

AP3 Rec'd PCT/PTO 23 JUN 2006

Attorney Docket No. 0756-7725

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:)
Harue NAKASHIMA et al.) Attention: DO/EO/US
Based on PCT/JP2005/022240)
Filed: November 28, 2005)
For: LIGHT EMITTING ELEMENT AND)
LIGHT EMITTING DEVICE)

INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56 and 37 C.F.R. 1.97-1.99, Applicant submits herewith a Form PTO-1449 listing information known to Applicant and requests that this information be made of record in the above identified application. Copies are submitted herewith in accordance with 37 C.F.R. 1.98(a).

Copies of U.S. patents and U.S. publications are not enclosed in accordance with the Notice published in the Official Gazette on August 5, 2003 entitled *Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003*, which waives the requirement under 37 CFR 1.98(a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. publication.

WO 2005/040117 is in the family of JP 2005-154421.


EP 0 948 063 and U.S. Patent No. 6,423,429 are in the family of JP 11-251067.

EP 0 855 848 and U.S. Patent No. 6,013,384 are in the family of JP 10-270172.

EP 1 089 361 and U.S. Patent No. 6,589,673 are in the family of JP 2001-102175.

EP 1 351 558 and U.S. Patent Publication No. 2003/0189401 are in the family of JP 2003-272860.

Respectfully submitted,


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Reg. No. 38,285

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(571) 434-6789

Receipt date: 06/23/2006

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			Application Number		
			Filing Date		
			First Named Inventor		
			Group Art Unit		
			Examiner Name		
Sheet	1	of	2	Attorney Docket Number	
				0756-7725	

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		6,423,429		Kido et al.	07/23/2002	
		6,013,384		Kido et al.	01/11/2000	
		6,589,673		Kido et al.	07/08/2003	
		2003/0189401		Kido et al.	10/09/2003	

FOREIGN PATENT DOCUMENTS								
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		Office ²	Number ³	Kind Code ² (if known)				
		JP	2005-154421			06/16/2005		Abst.
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		JP	02-288092			11/28/1990		Abst.
		JP	10-270172			10/09/1998		Abst.

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ³
		Nakada et al., Proceedings of the Lecture Meeting of the Union Allied with the Japan Society of Applied Physics, The 63rd Autumn Meeting, "Multi Photon Emission Organic EL Devices Using Charge-Transfer Complex as Charge Generation Layer," Vol. 27a-ZL-12, pp.1165, 09/24/2002.				Full
		Zhang et al., Synthetic Metals, Carbazole-Based Hole-Transporting Materials for Electroluminescent Devices, Vol.137, pp.1111-1112, 01/01/2003.				
		Grigalevicius, Synthetic Metals, 3,6(2,7), 9-Substituted Carbazoles as Electroactive Amorphous Materials for Optoelectronics, Vol.156, pp.1-12, 01/01/2006				

Examiner Signature	/Jay Yang/	Date Considered	02/12/2010
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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.Y./

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Application Number	
Filing Date	June 23, 2006
First Named Inventor	Harue NAKASHIMA et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	0756-7725

Sheet	2	of	2
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Examiner Initials ^a	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Column, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Office ³	Number ⁴ (if known)				
		JP	11-307264		11/05/1999		Abst.
		JP	2000-306669		11/02/2000		Abst.
		JP	2001-102175		04/13/2001		Abst.
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		JP	2003-272860		09/26/2003		Abst.
		EP	1 351 558		10/08/2003		Eng.
		EP	0 855 848		07/29/1998		Eng.

Examiner Initials ²	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Y ³
		Search Report (Application No. PCT/IP2005/022240) dated January 17, 2006	
		Written Opinion (Application No. PCT/IP2005/022240) dated January 17, 2006	
		Tang et al., Appl. Phys. Lett. (Applied Physics Letters), Organic Electroluminescent Diodes, Vol. 51, No. 12, pp. 913-915, 09/21/1987	

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